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TRANSMITTAL FORM <i>(to be used for all correspondence during pendency of filed application)</i>		Application Number	10/727,700
		Filing Date	December 3, 2003
		First Named Inventor	Gautam H. Mudunuri
		Group Art Unit Number	2161
		Examiner Name	Safet Metjahic
Total Number of Pages in This Submission	15*	Attorney Docket Number	23402-08572

ENCLOSURES (check all that apply)	
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REMARKS: *Total Number of Pages in This Submission does not include cited references.

SIGNATURE OF ATTORNEY OR AGENT			
Signature:			
Attorney/Reg. No.:	Jennifer R. Bush; Reg. No.: 50,784	Dated:	1/23/06

CERTIFICATE OF MAILING			
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.			
Signature:			
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Gautam H. Mudunuri et al.
APPLICATION NO.: 10/727,700
FILING DATE: December 3, 2003
TITLE: Set-Oriented Real-Time Data Processing Based on Transaction
Boundaries
EXAMINER: Safet Metjahic
GROUP ART UNIT: 2161
ATTY. DKT. NO.: 23402-08572

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

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By: Jennifer R. Bush
Jennifer R. Bush; Reg. No.: 50,784

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INFORMATION DISCLOSURE STATEMENT

Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☒ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;

PATENT

- ☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR §1.113; or (2) an action that otherwise closes prosecution in the application, and:
 - ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
 - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- ☐ on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:
 - ☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement;
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained

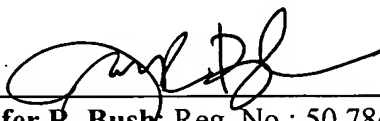
in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

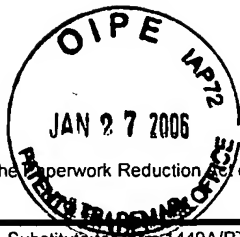
- ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(d); OR
- ☐ after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☐ Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.
- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. _____, filed on _____, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- ☒ Copies of any foreign patent documents and non-patent literature cited herein are enclosed.
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- ☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,
GAUTAM H. MUDUNURI ET AL.

Dated: January 23, 2006

By: 
Jennifer R. Bush, Reg. No.: 50,784
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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application No.	10/727,700
Filing Date	December 3, 2003
First Named Inventor	Gautam H. Mudunuri
Art Unit	2161
Examiner Name	Safet Metjahic
Attorney Docket Number	23402-08572

Sheet 1 of 11

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-2002/0035565	03-2002	Shah et al.
	A2	US-2002/0056081	05-2002	Morley et al.
	A3	US-2002/0059267	05-2002	Shah et al.
	A4	US-2002/0077787	06-2002	Rappaport et al.
	A5	US-2002/0099691	07-2002	Lore et al.
	A6	US-2002/0112237	08-2002	Kelts, Brett R.
	A7	US-2002/0161770	10-2002	Shapiro et al.
	A8	US-2002/0172247	09-2003	Bayer et al.
	A9	US-5,403,147	04-1995	Tanaka
	A10	US-5,404,513	04-1995	Powers et al.
	A11	US-5,405,531	04-1995	Hitzman et al.
	A12	US-5,410,688	04-1995	Williams et al.
	A13	US-5,420,688	05-1994	Farah
	A14	US-5,455,945	10-1995	Vanderdrift
	A15	US-5,511,190	04-1996	Sharma et al.
	A16	US-5,519,859	05-1996	Grace
	A17	US-5,537,589	07-1996	Dalal
	A18	US-5,563,999	10-1996	Yaksich et al.
	A19	US-5,603,024	02-1997	Golding
	A20	US-5,655,101	08-1997	O'Farrell et al.
	A21	US-5,675,785	10-1997	Hall et al.
	A22	US-5,689,566	11-1997	Nguyen, Minhtam
	A23	US-5,692,181	11-1997	Anand et al.
	A24	US-5,706,495	01-1998	Chadha et al.
	A25	US-5,708,828	01-1998	Coleman

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

23402/08572/DOCS/1590578.1

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/727,700
				Filing Date	December 3, 2003
				First Named Inventor	Gautam H. Mudunuri
				Art Unit	2161
				Examiner Name	Safet Metjahic
Sheet	2	of	11	Attorney Docket Number	23402-08572

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A26	US-5,713,020	01-1998	Reiter et al.
	A27	US-5,721,903	02-1998	Anand et al.
	A28	US-5,721,911	02-1998	Ha et al.
	A29	US-5,778,355	07-1998	Boyer et al.
	A30	US-5,781,911	07-1998	Young et al.
	A31	US-5,787,415	07-1998	Jacobson et al.
	A32	US-5,794,030	08-1998	Morsi et al.
	A33	US-5,794,228	08-1998	French et al.
	A34	US-5,794,229	08-1998	French et al.
	A35	US-5,794,246	08-1998	Sankaran et al.
	A36	US-5,799,310	08-1998	Anderson et al.
	A37	US-5,806,060	09-1998	Borgida et al.
	A38	US-5,822,751	10-1998	Gray et al.
	A39	US-5,826,258	10-1998	Gupta
	A40	US-5,832,496	11-1998	Anand et al.
	A41	US-5,842,213	11-1998	Odom et al.
	A42	US-5,848,415	12-1998	Guck, Randal
	A43	US-5,854,890	12-1998	Ramachandran et al.
	A44	US-5,857,197	01-1999	Mullins
	A45	US-5,870,746	02-1999	Knutson et al.
	A46	US-5,870,747	02-1999	Sandaresam
	A47	US-5,873,102	02-1999	Bridge, Jr. et al.
	A48	US-5,884,262	03-1999	Wise et al.
	A49	US-5,898,431	04-1999	Bayles et al.
	A50	US-5,915,019	06-1999	Ginter et al.

Examiner Signature		Date Considered	
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				Art Unit	2161
				Examiner Name	Safet Metjahic
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U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A51	US-5,933,796	08-1999	Ashida et al.
	A52	US-5,982,890	11-1999	Akatsu, Masaharu
	A53	US-5,987,454	11-1999	Hobbs, Allen
	A54	US-5,991,742	11-1999	Tran, Bao Q.
	A55	US-6,002,402	12-1999	Schacher, John L.
	A56	US-6,003,024	12-1999	Bair et al.
	A57	US-6,014,670	01-2000	Zamanian et al.
	A58	US-6,026,388	02-2000	Liddy et al.
	A59	US-6,032,145	02-2000	Beall et al.
	A60	US-6,032,158	02-2000	Mukhopadhyay et al.
	A61	US-6,044,374	03-2000	Nesamoney et al.
	A62	US-6,065,007	05-2000	Muthukrishanan et al.
	A63	US-6,072,492	06-2000	Schagen et al.
	A64	US-6,078,994	06-2000	Carey, James
	A65	US-6,119,167	09-2000	Boyle et al.
	A66	US-6,122,628	09-2000	Castelli et al.
	A67	US-6,128,624	10-2000	Papierniak et al.
	A68	US-6,141,699	10-2000	Luzzi et al.
	A69	US-6,151,584	11-2000	Papierniak et al.
	A70	US-6,151,601	11-2000	Papierniak et al.
	A71	US-6,173,310	01-2001	Yost et al.
	A72	US-6,192,364 B1	02-2001	Baclawski
	A73	US-6,205,472	03-2001	Gilmour, David L.
	A74	US-6,208,990 B1	03-2001	Suresh et al.
	A75	US-6,216,125	04-2001	Johnson

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U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A76	US-6,233,575	05-2001	Agrawal et al.
	A77	US-6,262,598 B1	08-2001	Lapp et al.
	A78	US-6,269,336	07-2001	Itabashi et al.
	A79	US-6,269,369	07-2001	Robertson, Brian D.
	A80	US-6,272,485	08-2001	Sragner, Ruth
	A81	US-6,292,657	09-2001	Laursen et al.
	A82	US-6,308,203	10-2001	Itabashi et al.
	A83	US-6,336,137 B1	01-2002	Lee et al.
	A84	US-6,339,775 B1	01-2002	Zamanian et al.
	A85	US-6,369,840	04-2002	Barnett et al.
	A86	US-6,385,604	05-2002	Bakalash et al.
	A87	US-6,393,386	05-2002	Zager et al.
	A88	US-6,404,884	06-2002	Marwell et al.
	A89	US-6,408,292	06-2002	Bakalash et al.
	A90	US-6,411,936	06-2002	Sanders, Aaron M.
	A91	US-6,418,200	07-2002	Ciccolella et al.
	A92	US-6,421,781	07-2002	Fox et al.
	A93	US-6,424,426	07-2002	Henry
	A94	US-6,430,624 B1	08-2002	Jamtgaard et al.
	A95	US-6,438,522 B1	08-2002	Tate
	A96	US-6,446,059	09-2002	Berger et al.
	A97	US-6,446,062 B1	09-2002	Levine et al.
	A98	US-6,446,096 B1	09-2002	Holland et al.
	A99	US-6,449,619 B1	09-2002	Colliat et al.
	A100	US-6,457,030 B1	09-2002	Adams et al.

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Sheet	5	of	11	Attorney Docket Number	23402-08572

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Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A101	US-6,466,969	10-2002	Bunney et al.
	A102	US-6,477,525	11-2002	Bello et al.
	A103	US-6,480,711	11-2002	Guedalia, J.
	A104	US-6,487,584	11-2002	Bunney, William
	A105	US-6,491,304	07-2003	Sitaraman et al.
	A106	US-6,493,800 B1	12-2002	Blumrich, Matthias Augustin
	A107	US-6,502,101	12-2002	Verprauskus et al.
	A108	US-6,526,335	02-2003	Treyz et al.
	A109	US-6,535,872	03-2003	Castelli et al.
	A110	US-6,539,359	03-2003	Ladd et al.
	A111	US-6,549,910 B1	04-2003	Tate
	A112	US-6,549,937	04-2003	Auerbach et al.
	A113	US-6,549,937	04-2003	Auerbach et al.
	A114	US-6,553,366 B1	04-2003	Miller et al.
	A115	US-6,563,912	05-2003	Dorfman et al.
	A116	US-6,564,264	05-2003	Creswell et al.
	A117	US-6,574,599	06-2003	Lim et al.
	A118	US-6,581,062	06-2003	Draper et al.
	A119	US-6,601,062 B1	07-2003	Deshpande et al.
	A120	US-6,616,701	09-2003	Doyle
	A121	US-6,629,102 B1	09-2003	Malloy et al.
	A122	US-6,631,497	10-2003	Jamshidi et al.
	A123	US-6,636,870 B2	10-2003	Roccaforte
	A124	US-6,671,689 B2	12-2003	Papierniak
	A125	US-6,721,728	04-2004	McGreevy

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U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A126	US-6,736,870 B2	10-2003	Raccaforte, Raymond

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
	B1	EP 0987868 A3	03-2000	Schwartz, Bruce V.	
	B2	EP 1043671 A2	10-2000	Bird et al.	
	B3	EP 1164511 A2	12-2001	Griffin et al.	
	B4	GB 2,350,758	12-2000	IBM	
	B5	GB 2,357,596	06-2001	University College London	
	B6	WO 00/04466	01-2000	Suresh, Sankaran	
	B7	WO 00/08581	02-2000	Harvest Technology Inc.	
	B8	WO 00/77707	12-2000	Star, Barry	
	B9	WO 01/18728	03-2001	GETAPPROVED COM LLC	
	B10	WO 01/20438	03-2001	Ericsson Inc.	
	B11	WO 01/24040	05-2001	HNC Software, Inc.	
	B12	WO 02/44953	06-2002	Intel Corp.	
	B13	WO 99/24922	05-1999	Zamanian, M et al.	

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				Art Unit	2161
				Examiner Name	Safet Metjahic
Sheet	7	of	11	Attorney Docket Number	23402-08572

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